BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer Project Division Yelahanka

Measurement Sheet

1st & Final Bill

Asphalting road from Amruthahalli Main road to Jakkur Burrial ground in Ward No.05

M/s K. R. I. D. L.

Earthwork excavation by manual means in ordinary soil involving an average horizontal lead upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the dugout earth to be leveled neatly after breaking of clods complete as per specifications complete as per specification MORTH Chapte(P-142, It.-19.2)

	NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement recorded on:		10/04/18, 01/06/18, 01/06/18						
Name of Work: BCC Drain								
BASAVALINGA NAGARA								
1st Cross Hattu Mane Layout From 4th B cross road to 1st cross road								
0.00	1	0.00	0.80	0.80	0.80	0.85	0.00	
30.00	1	30.00	0.80	0.80	0.80	0.85	20.40	✓
60.00	1	30.00	0.80	0.80	0.80	0.85	20.40	✓
90.00	1	30.00	0.80	0.80	0.80	0.85	20.40	✓
95.00	1	5.00	0.80	0.80	0.80	0.85	3.40	✓
2nd Cross Hattu Mane Layout From 1st cross to 4th B cross road								
30.00	1	30.00	0.80	0.80	0.80	0.85	20.40	✓
60.00	1	30.00	0.80	0.80	0.80	0.85	20.40	✓
66.00	1	6.00	0.80	0.80	0.80	0.85	4.08	✓
3rd Cross Hattu Mane Layout From 4th B cross road to 1st cross road								
0.00	1	0.00	0.80	0.80	0.80	0.85	0.00	
30.00	1	30.00	0.80	0.80	0.80	0.85	20.40	✓
60.00	1	30.00	0.80	0.80	0.80	0.85	20.40	✓
90.00	1	30.00	0.80	0.80	0.80	0.85	20.40	✓
95.00	1	5.00	0.80	0.80	0.80	0.85	3.40	✓
4th Cross Hattu Mane Layout From 1st cross to 4th B cross road								
0.00	1	0.00	0.80	0.80	0.80	0.85	0.00	
30.00	1	30.00	0.80	0.80	0.80	0.85	20.40	✓
60.00	1	30.00	0.80	0.80	0.80	0.85	20.40	✓
90.00	1	30.00	0.80	0.80	0.80	0.85	20.40	✓
95.00	1	5.00	0.80	0.80	0.80	0.85	3.40	✓
5th Cross Hattu Mane Layout From 4th B cross road to 1st cross road								
0.00	1	0.00	0.80	0.80	0.80	0.85	0.00	
30.00	1	30.00	0.80	0.80	0.80	0.85	20.40	✓
60.00	1	30.00	0.80	0.80	0.80	0.85	20.40	✓
90.00	1	30.00	0.80	0.80	0.80	0.85	20.40	✓
107.00	1	17.00	0.80	0.80	0.80	0.85	11.56	✓

Anganawadi Front										
	0.00	18.00	1	18.00	0.80	0.80	0.80	0.85	12.24	
NOOR NAGARA										
5th Cross Road Noor Nagar From Nagawara Main Road to 9th B Cross Road										
	0.00	16.00	1	16.00	0.80	0.80	0.80	0.85	10.88	
	16.00	21.60	1	5.60						
	21.60	43.60	1	22.00	0.80	0.80	0.80	0.85	14.96	
	43.60	49.20	1	5.60						
	49.20	70.70	1	21.50	0.80	0.80	0.80	0.85	14.62	
	70.70	76.20	1	5.50						
	76.20	95.20	1	19.00	0.80	0.80	0.80	0.85	12.92	
	95.20	100.50	1	5.30						
	100.50	120.00	1	19.50	0.80	0.80	0.80	0.85	13.26	
	120.00	125.00	1	5.00						
	125.00	144.50	1	19.50	0.80	0.80	0.80	0.85	13.26	
	144.50	149.50	1	5.00						
	149.50	168.50	1	19.00	0.80	0.80	0.80	0.85	12.92	
	168.50	173.80	1	5.30						
	173.80	196.10	1	22.30	0.80	0.80	0.80	0.85	15.16	
	196.10	201.40	1	5.30						
	201.40	220.40	1	19.00	0.80	0.80	0.80	0.85	12.92	
	220.40	224.20	1	3.80						
5th Cross Road Noor Nagar From 9th A Cross Road to Nagawara Main Road										
	0.00	4.00	1	4.00						
	4.00	22.50	1	18.50	0.80	0.80	0.80	0.85	12.58	
	22.50	27.50	1	5.00						
	27.50	46.00	1	18.50	0.80	0.80	0.80	0.85	12.58	
	46.00	51.20	1	5.20						
	51.20	70.20	1	19.00	0.80	0.80	0.80	0.85	12.92	
	70.20	75.30	1	5.10						
	75.30	94.30	1	19.00	0.80	0.80	0.80	0.85	12.92	
	94.30	99.10	1	4.80						
	99.10	117.60	1	18.50	0.80	0.80	0.80	0.85	12.58	
	117.60	121.90	1	4.30						
	121.90	154.90	1	33.00	0.80	0.80	0.80	0.85	22.44	
	154.90	159.70	1	4.80						
	159.70	190.70	1	31.00	0.80	0.80	0.80	0.85	21.08	
	190.70	195.70	1	5.00						
	195.70	228.70	1	33.00	0.80	0.80	0.80	0.85	22.44	
	228.70	233.50	1	4.80						
	233.50	254.50	1	21.00						
2nd B Cross Road Noor Nagar From 5th Cross to End										
	0.00	0.00	1	0.00	0.80	0.80	0.80	0.85	0.00	
	0.00	30.00	1	30.00	0.80	0.80	0.80	0.85	20.40	
	30.00	34.50	1	4.50	0.80	0.80	0.80	0.85	3.06	
2nd Cross Road Noor Nagar From 5th Cross to End										
	0.00	0.00	1	0.00	0.80	0.80	0.80	0.90	0.00	

	0.00	30.00	1	30.00	0.80	0.80	0.80	0.90	21.60	
	30.00	52.00	1	22.00	0.80	0.80	0.80	0.90	15.84	
				1st Cross Road Noor Nagar From 2nd Cross to 5th Cross Road						
	0.00	0.00	1	0.00	0.80	0.80	0.80	0.90	0.00	
	0.00	20.00	1	20.00	0.80	0.80	0.80	0.90	14.40	
SSM Culvert Noor Nagar										
				5th Cross Road Noor Nagar From 9th A Cross Road to Nagawara Main Road						
			1	5.20			1.80	1.10	10.30	
1st B c/r			1	5.30			1.80	1.10	10.49	
			1	4.90			1.80	1.10	9.70	
2nd B c/r			1	4.80			1.80	1.10	9.50	
			1	5.20			1.80	1.10	10.30	
3rd B c/r				5th Cross Road Noor Nagar From Nagawara Main Road to 9th B Cross Road						
			1	4.70			1.80	1.10	9.31	
4th B c/r			1	4.80			1.80	1.10	9.50	
			1	4.80			1.80	1.10	9.50	
5th B c/r			1	4.60			1.80	1.10	9.11	
			1	4.70			1.80	1.10	9.31	
6th B c/r										
				CHOKKANAHALLI						
th B c/r	Rcc Drain									
	Temple Back Side		1	17.00			0.80	0.90	12.24	
th B c/r			1	11.00			0.80	0.90	7.92	
th B c/r	SSM Drain									
	Passing Between Homes		1	0.00			2.10	1.50	0.00	
			1	30.00			2.10	1.50	94.50	
th A c/r			1	30.00			2.10	1.50	94.50	
			1	6.00			2.10	1.50	18.90	
th A c/r										
	For New Roads									
th A c/r				MARKANDEYA LAYOUT						
				Merkandeya Layout Vila Road From End to Kalappa reddy road						
th A c/r	0.00	0.00	1	0.00	6.60	6.70	6.65	0.20	0.00	
	0.00	30.00	1	30.00	6.70	6.60	6.65	0.20	39.90	
th A c/r	30.00	60.00	1	30.00	6.60	6.50	6.55	0.20	39.30	
	60.00	90.00	1	30.00	6.50	6.10	6.30	0.20	37.80	
h A c/r	90.00	120.00	1	30.00	6.10	6.10	6.10	0.20	36.60	
	120.00	150.00	1	30.00	6.10	6.30	6.20	0.20	37.20	
d A c/r	150.00	180.00	1	30.00	6.30	6.10	6.20	0.20	37.20	
	180.00	210.00	1	30.00	6.10	5.50	5.80	0.20	34.80	
d A c/r	210.00	240.00	1	30.00	5.50	6.00	5.75	0.20	34.50	
	240.00	240.00	1	0.00	6.00	7.20	6.60	0.20	0.00	
t A c/r	240.00	259.00	1	19.00	7.20	10.20	8.70	0.20	33.06	
Work	Approch		4	6.00			2.00	0.20	9.60	

AGRAHARA LAYOUT									
Agrahara layout 1st Cross road From 4th main road to End									
	0.00	0.00	1	0.00	4.00	3.90	3.95	0.20	0.00
	0.00	30.00	1	30.00	3.90	4.30	4.10	0.20	24.60
	30.00	60.00	1	30.00	4.30	4.00	4.15	0.20	24.90
	60.00	90.00	1	30.00	4.00	4.00	4.00	0.20	24.00
	90.00	115.00	1	25.00	4.00	4.00	4.00	0.20	20.00
Quantity carried summary									1407.96
Shedule-B Quantity									1407.61
Quantity carried to summary									1407.61

- 04

Contractor Representative

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Asst Engineer
Project yelahanka
BBMP Bengalore

Consultant Representative

Asst.Executive Engineer
Project yelahanka
BBMP Bengalore

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer Project Division Yelahanka

Measurement Sheet

1st & Final Bill

Name of work: Asphalting road from Amruthahalli Main road to Jakkur Burrial ground in Ward No.05

Name of Agency: M/s K. R. I. D. L.

Item No:	2								
Item Name:	KSRRB M100-1 Loading and unloading of stone boulder/stone aggregates/sand/.kanker/moorum. KSRRB M100-1:Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1 (P-130, It.No. 17.1)								
SLNO	CHAINAGE / Land Mark	NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement recorded on:			10/04/18, 11/04/18, 01/06/18						
Quantity Same As Item No-01								1407.96	
Quantity carried summary								1407.96	Cum
Shedule-B Quantity								1407.61	Cum
Quantity carried to summary								1407.61	Cum

-05-

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Contractor Representative

Asst Engineer
Project yelahanka
BBMP Bengalore

Consultant Representative

Asst.Executive Engineer 1/6/2018
Project yelahanka
BBMP Bengalore

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer Project Division Yelahanka

Measurement Sheet

1st & Final Bill

Name of work: Asphalting road from Amruthahalli Main road to Jakkur Burrial ground in Ward No.05

Name of Agency: M/s K. R. I. D. L.

Item No: 3

Item Name: KSRB 4-1.1: Providing and laying in position plain cement concrete of nominal mix 1:3:6 using 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 Specification No. KBS 4.1, 4.2 (P-12, It.4.2)

SL NO	CHAINAGE Land Mark		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement recorded on:				12/04/18, 13/04/18						
New RCC Drain										
BASAVALINGA NAGARA										
1st Cross Hattu Mane Layout From 4th B cross road to 1st cross road										
	0.00	0.00	1	0.00	0.80	0.80	0.80	0.15	0.00	
	0.00	30.00	1	30.00	0.80	0.80	0.80	0.15	3.60	✓
	30.00	60.00	1	30.00	0.80	0.80	0.80	0.15	3.60	✓
	60.00	90.00	1	30.00	0.80	0.80	0.80	0.15	3.60	✓
	90.00	95.00	1	5.00	0.80	0.80	0.80	0.15	0.60	✓
2nd Cross Hattu Mane Layout From 1st cross to 4th B cross road										
	0.00	30.00	1	30.00	0.80	0.80	0.80	0.15	3.60	✓
	30.00	60.00	1	30.00	0.80	0.80	0.80	0.15	3.60	✓
	60.00	66.00	1	6.00	0.80	0.80	0.80	0.15	0.72	✓
3rd Cross Hattu Mane Layout From 4th B cross road to 1st cross road										
	0.00	0.00	1	0.00	0.80	0.80	0.80	0.15	0.00	
	0.00	30.00	1	30.00	0.80	0.80	0.80	0.15	-3.60	✓
	30.00	60.00	1	30.00	0.80	0.80	0.80	0.15	3.60	✓
	60.00	90.00	1	30.00	0.80	0.80	0.80	0.15	3.60	✓
	90.00	95.00	1	5.00	0.80	0.80	0.80	0.15	0.60	✓
4th Cross Hattu Mane Layout From 1st cross to 4th B cross road										
	0.00	0.00	1	0.00	0.80	0.80	0.80	0.15	0.00	
	0.00	30.00	1	30.00	0.80	0.80	0.80	0.15	3.60	✓
	30.00	60.00	1	30.00	0.80	0.80	0.80	0.15	3.60	✓
	60.00	90.00	1	30.00	0.80	0.80	0.80	0.15	3.60	✓
	90.00	95.00	1	5.00	0.80	0.80	0.80	0.15	0.60	✓
5th Cross Hattu Mane Layout From 4th B cross road to 1st cross road										
	0.00	0.00	1	0.00	0.80	0.80	0.80	0.15	0.00	
	0.00	30.00	1	30.00	0.80	0.80	0.80	0.15	3.60	✓
	30.00	60.00	1	30.00	0.80	0.80	0.80	0.15	3.60	✓
	60.00	90.00	1	30.00	0.80	0.80	0.80	0.15	3.60	✓
	90.00	107.00	1	17.00	0.80	0.80	0.80	0.15	2.04	✓

Anganawadi Front										
	0.00	18.00	1	18.00	0.80	0.80	0.80	0.15	2.16	✓
NOOR NAGARA										
5th Cross Road Noor Nagar From Nagawara Main Road to 9th B Cross Road										
	0.00	16.00	1	16.00	0.80	0.80	0.80	0.15	1.92	
	16.00	21.60	1	5.60						1st B
	21.60	43.60	1	22.00	0.80	0.80	0.80	0.15	2.64	
	43.60	49.20	1	5.60						2nd B
	49.20	70.70	1	21.50	0.80	0.80	0.80	0.15	2.58	
	70.70	76.20	1	5.50						3rd B
	76.20	95.20	1	19.00	0.80	0.80	0.80	0.15	2.28	
	95.20	100.50	1	5.30						4th B
	100.50	120.00	1	19.50	0.80	0.80	0.80	0.15	2.34	
	120.00	125.00	1	5.00						5th B
	125.00	144.50	1	19.50	0.80	0.80	0.80	0.15	2.34	
	144.50	149.50	1	5.00						6th B
	149.50	168.50	1	19.00	0.80	0.80	0.80	0.15	2.28	
	168.50	173.80	1	5.30						7th B cr
	173.80	196.10	1	22.30	0.80	0.80	0.80	0.15	2.68	
	196.10	201.40	1	5.30						8th B cr
	201.40	220.40	1	19.00	0.80	0.80	0.80	0.15	2.28	
	220.40	224.20	1	3.80						9th B cr
5th Cross Road Noor Nagar From 9th A Cross Road to Nagawara Main Road										
	0.00	4.00	1	4.00						9th A cr
	4.00	22.50	1	18.50	0.80	0.80	0.80	0.15	2.22	
	22.50	27.50	1	5.00						8th A cr
	27.50	46.00	1	18.50	0.80	0.80	0.80	0.15	2.22	
	46.00	51.20	1	5.20						7th A cr
	51.20	70.20	1	19.00	0.80	0.80	0.80	0.15	2.28	
	70.20	75.30	1	5.10						6th A cr
	75.30	94.30	1	19.00	0.80	0.80	0.80	0.15	2.28	
	94.30	99.10	1	4.80						5th A cr
	99.10	117.60	1	18.50	0.80	0.80	0.80	0.15	2.22	
	117.60	121.90	1	4.30						4th A cr
	121.90	154.90	1	33.00	0.80	0.80	0.80	0.15	3.96	
	154.90	159.70	1	4.80						3rd A cr
	159.70	190.70	1	31.00	0.80	0.80	0.80	0.15	3.72	
	190.70	195.70	1	5.00						2nd A cr
	195.70	228.70	1	33.00	0.80	0.80	0.80	0.15	3.96	
	228.70	233.50	1	4.80						1st A cr
	233.50	254.50	1	21.00						No Work
2nd B Cross Road Noor Nagar From 5th Cross to End										
	0.00	0.00	1	0.00	0.80	0.80	0.80	0.15	0.00	
	0.00	30.00	1	30.00	0.80	0.80	0.80	0.15	3.60	✓
	30.00	34.50	1	4.50	0.80	0.80	0.80	0.15	0.54	✓

2nd Cross Road Noor Nagar From 5th Cross to End									
0.00	0.00	1	0.00	0.80	0.80	0.80	0.15	0.00	
0.00	30.00	1	30.00	0.80	0.80	0.80	0.15	3.60	
30.00	52.00	1	22.00	0.80	0.80	0.80	0.15	2.64	
1st Cross Road Noor Nagar From 2nd Cross to 5th Cross Road									
0.00	0.00	1	0.00	0.80	0.80	0.80	0.15	0.00	
0.00	20.00	1	20.00	0.80	0.80	0.80	0.15	2.40	
SSM Culvert Noor Nagar									
5th Cross Road Noor Nagar From 9th A Cross Road to Nagawara Main Road									
		1	5.20			1.50	0.15	1.17	
		1	5.30			1.50	0.15	1.19	
		1	4.90			1.50	0.15	1.10	
		1	4.80			1.50	0.15	1.08	
		1	5.20			1.50	0.15	1.17	
5th Cross Road Noor Nagar From Nagawara Main Road to 9th B Cross Road									
		1	4.70			1.50	0.15	1.06	
		1	4.80			1.50	0.15	1.08	
		1	4.80			1.50	0.15	1.08	
		1	4.60			1.50	0.15	1.04	
		1	4.70			1.50	0.15	1.06	
CHOKKANAHALLI									
Rcc Drain									
Temple Back Side		1	17.00			0.80	0.15	2.04	
		1	11.00			0.80	0.15	1.32	
SSM Drain									
Passing Between Homes		1	0.00			2.10	0.20	0.00	
		1	30.00			2.10	0.20	12.60	
		1	30.00			2.10	0.20	12.60	
		1	6.00			2.10	0.20	2.52	
Quantity carried summary								156.20	Cum
Shedule-B Quantity								154.74	Cum
Quantity carried to summary								154.74	Cum

08

Assistant Executive Engineer
Contractor Representative Yelahanka Sub-Division
KRIDL, BBMP, Bangalore

Asst Engineer
Project yelahanka
BBMP Bengalore

Consultant Representative

13/11/2018

Asst.Executive Engineer
Project yelahanka
BBMP Bengalore

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer Project Division Yelahanka

Measurement Sheet

1st & Final Bill

Name of work: Asphalting road from Amruthahalli Main road to Jakkur Burrial ground in Ward No.05

Name of Agency: M/s K. R. I. D. L.

Item No: 4

Item Name: KSRB 4.2.2:Providing andlaying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs, with 20mm and down size graded granite metal coarse aggregates @0.878 cum and fine aggregates @ 0.459 cum, with superplastisiser @ 3lts confirming to IS 9103-1999 Reaffirmed -2008, machine mixed, concrete laid in layres not exceeding 15 cms, thick vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase,lintles, retaining walls, return walls, walls (any thickness) includng attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills fillets etc, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No.KBS 4.1, 4.6 (P-13, It.4.11)

CHAINAGE		NO	L	B1	B2	Avg B	Avg D	QTY	REMARKS
Land Mark			(m)	(m)	(m)	(m)	(m)		
Measurement recorded on:			02/05/18, 03/05/18, 30/05/18, 31/05/18						
RAFT									
New RCC Drain									
BASAVALINGA NAGARA									
1st Cross Hattu Mane Layout From 4th B cross road to 1st cross road									
0.00	0.00	1	0.00	0.80	0.80	0.80	0.10	0.00	
0.00	30.00	1	30.00	0.80	0.80	0.80	0.10	2.40	
30.00	60.00	1	30.00	0.80	0.80	0.80	0.10	2.40	
60.00	90.00	1	30.00	0.80	0.80	0.80	0.10	2.40	
90.00	95.00	1	5.00	0.80	0.80	0.80	0.10	0.40	
2nd Cross Hattu Mane Layout From 1st cross to 4th B cross road									
0.00	30.00	1	30.00	0.80	0.80	0.80	0.10	2.40	
30.00	60.00	1	30.00	0.80	0.80	0.80	0.10	2.40	
60.00	66.00	1	6.00	0.80	0.80	0.80	0.10	0.48	
3rd Cross Hattu Mane Layout From 4th B cross road to 1st cross road									
0.00	0.00	1	0.00	0.80	0.80	0.80	0.10	0.00	
0.00	30.00	1	30.00	0.80	0.80	0.80	0.10	2.40	
30.00	60.00	1	30.00	0.80	0.80	0.80	0.10	2.40	
60.00	90.00	1	30.00	0.80	0.80	0.80	0.10	2.40	
90.00	95.00	1	5.00	0.80	0.80	0.80	0.10	0.40	
4th Cross Hattu Mane Layout From 1st cross to 4th B cross road									
0.00	0.00	1	0.00	0.80	0.80	0.80	0.10	0.00	
0.00	30.00	1	30.00	0.80	0.80	0.80	0.10	2.40	
30.00	60.00	1	30.00	0.80	0.80	0.80	0.10	2.40	
60.00	90.00	1	30.00	0.80	0.80	0.80	0.10	2.40	
90.00	95.00	1	5.00	0.80	0.80	0.80	0.10	0.40	

8th Cross Hatta Mane Layout -From 4th B cross road to 1st cross road									
		1	0.00	0.80	0.80	0.80	0.10	0.00	
		1	30.00	0.80	0.80	0.80	0.10	2.40	✓
		1	30.00	0.80	0.80	0.80	0.10	2.40	✓
		1	30.00	0.80	0.80	0.80	0.10	2.40	✓
		1	17.00	0.80	0.80	0.80	0.10	1.36	✓
Anganawadi Front									
0.00	18.00	1	18.00	0.80	0.80	0.80	0.10	1.44	✓
NOOR NAGARA									
5th Cross Road Noor Nagar From Nagawara Main Road to 9th B Cross Road									
0.00	16.00	1	16.00	0.80	0.80	0.80	0.10	1.28	
16.00	21.60	1	5.60						1st
21.60	43.60	1	22.00	0.80	0.80	0.80	0.10	1.76	
43.60	49.20	1	5.60						2nd
49.20	70.70	1	21.50	0.80	0.80	0.80	0.10	1.72	
70.70	76.20	1	5.50						3rd
76.20	95.20	1	19.00	0.80	0.80	0.80	0.10	1.52	
95.20	100.50	1	5.30						4th
100.50	120.00	1	19.50	0.80	0.80	0.80	0.10	1.56	
120.00	125.00	1	5.00						5th
125.00	144.50	1	19.50	0.80	0.80	0.80	0.10	1.56	
144.50	149.50	1	5.00						6th
149.50	168.50	1	19.00	0.80	0.80	0.80	0.10	1.52	
168.50	173.80	1	5.30						7th B
173.80	196.10	1	22.30	0.80	0.80	0.80	0.10	1.78	
196.10	201.40	1	5.30						8th B
201.40	220.40	1	19.00	0.80	0.80	0.80	0.10	1.52	
220.40	224.20	1	3.80						9th B
5th Cross Road Noor Nagar From 9th A Cross Road to Nagawara Main Road									
0.00	4.00	1	4.00						9th A
4.00	22.50	1	18.50	0.80	0.80	0.80	0.10	1.48	
22.50	27.50	1	5.00						8th A
27.50	46.00	1	18.50	0.80	0.80	0.80	0.10	1.48	
46.00	51.20	1	5.20						7th A
51.20	70.20	1	19.00	0.80	0.80	0.80	0.10	1.52	
70.20	75.30	1	5.10						6th A
75.30	94.30	1	19.00	0.80	0.80	0.80	0.10	1.52	
94.30	99.10	1	4.80						5th A
99.10	117.60	1	18.50	0.80	0.80	0.80	0.10	1.48	
117.60	121.90	1	4.30						4th A
121.90	154.90	1	33.00	0.80	0.80	0.80	0.10	2.64	
154.90	159.70	1	4.80						3rd A
159.70	190.70	1	31.00	0.80	0.80	0.80	0.10	2.48	
190.70	195.70	1	5.00						2nd A
195.70	228.70	1	33.00	0.80	0.80	0.80	0.10	2.64	
228.70	233.50	1	4.80						1st A
233.50	254.50	1	21.00						No W

2nd B Cross Road Noor Nagar From 5th Cross to End									
0.00	0.00	1	0.00	0.80	0.80	0.80	0.10	0.00	
0.00	30.00	1	30.00	0.80	0.80	0.80	0.10	2.40	
30.00	34.50	1	4.50	0.80	0.80	0.80	0.10	0.36	
2nd Cross Road Noor Nagar From 5th Cross to End									
0.00	0.00	1	0.00	0.80	0.80	0.80	0.10	0.00	
0.00	30.00	1	30.00	0.80	0.80	0.80	0.10	2.40	
30.00	52.00	1	22.00	0.80	0.80	0.80	0.10	1.76	
1st Cross Road Noor Nagar From 2nd Cross to 5th Cross Road									
0.00	0.00	1	0.00	0.80	0.80	0.80	0.10	0.00	
0.00	20.00	1	20.00	0.80	0.80	0.80	0.10	1.60	
CHOKKANAHALLI									
Rcc Drain									
Temple Back Side		1	17.00			0.80	0.10	1.36	
		1	11.00			0.80	0.10	0.88	
WALL									
BASAVALINGA NAGARA									
1st Cross Hattu Mane Layout From 4th B cross road to 1st cross road									
0.00	0.00	2	0.00	0.10	0.10	0.10	0.60	0.00	
0.00	30.00	2	30.00	0.10	0.10	0.10	0.60	3.60	
30.00	60.00	2	30.00	0.10	0.10	0.10	0.60	3.60	
60.00	90.00	2	30.00	0.10	0.10	0.10	0.60	3.60	
90.00	95.00	2	5.00	0.10	0.10	0.10	0.60	0.60	
2nd Cross Hattu Mane Layout From 1st cross to 4th B cross road									
0.00	30.00	2	30.00	0.10	0.10	0.10	0.60	3.60	
30.00	60.00	2	30.00	0.10	0.10	0.10	0.60	3.60	
60.00	66.00	2	6.00	0.10	0.10	0.10	0.60	0.72	
3rd Cross Hattu Mane Layout From 4th B cross road to 1st cross road									
0.00	0.00	2	0.00	0.10	0.10	0.10	0.60	0.00	
0.00	30.00	2	30.00	0.10	0.10	0.10	0.60	3.60	
30.00	60.00	2	30.00	0.10	0.10	0.10	0.60	3.60	
60.00	90.00	2	30.00	0.10	0.10	0.10	0.60	3.60	
90.00	95.00	2	5.00	0.10	0.10	0.10	0.60	0.60	
4th Cross Hattu Mane Layout From 1st cross to 4th B cross road									
0.00	0.00	2	0.00	0.10	0.10	0.10	0.60	0.00	
0.00	30.00	2	30.00	0.10	0.10	0.10	0.60	3.60	
30.00	60.00	2	30.00	0.10	0.10	0.10	0.60	3.60	
60.00	90.00	2	30.00	0.10	0.10	0.10	0.60	3.60	
90.00	95.00	2	5.00	0.10	0.10	0.10	0.60	0.60	
5th Cross Hattu Mane Layout From 4th B cross road to 1st cross road									
0.00	0.00	2	0.00	0.10	0.10	0.10	0.60	0.00	
0.00	30.00	2	30.00	0.10	0.10	0.10	0.60	3.60	
30.00	60.00	2	30.00	0.10	0.10	0.10	0.60	3.60	
60.00	90.00	2	30.00	0.10	0.10	0.10	0.60	3.60	
90.00	107.00	2	17.00	0.10	0.10	0.10	0.60	2.04	

Anganawadi Front										
	0.00	18.00	2	18.00	0.10	0.10	0.10	0.60	2.16	✓
NOOR NAGARA										
5th Cross Road Noor Nagar From Nagawara Main Road to 9th B Cross Road										
	0.00	16.00	2	16.00	0.10	0.10	0.10	0.60	1.92	
	16.00	21.60	2	5.60						1st
	21.60	43.60	2	22.00	0.10	0.10	0.10	0.60	2.64	
	43.60	49.20	2	5.60						2nd
	49.20	70.70	2	21.50	0.10	0.10	0.10	0.60	2.58	
	70.70	76.20	2	5.50						3rd
	76.20	95.20	2	19.00	0.10	0.10	0.10	0.60	2.28	
	95.20	100.50	2	5.30						4th
	100.50	120.00	2	19.50	0.10	0.10	0.10	0.60	2.34	
	120.00	125.00	2	5.00						5th
	125.00	144.50	2	19.50	0.10	0.10	0.10	0.60	2.34	
	144.50	149.50	2	5.00						6th
	149.50	168.50	2	19.00	0.10	0.10	0.10	0.60	2.28	
	168.50	173.80	2	5.30						7th B
	173.80	196.10	2	22.30	0.10	0.10	0.10	0.60	2.68	
	196.10	201.40	2	5.30						8th B
	201.40	220.40	2	19.00	0.10	0.10	0.10	0.60	2.28	
	220.40	224.20	2	3.80						9th B
5th Cross Road Noor Nagar From 9th A Cross Road to Nagawara Main Road										
	0.00	4.00	2	4.00						9th A
	4.00	22.50	2	18.50	0.10	0.10	0.10	0.65	2.41	
	22.50	27.50	2	5.00						8th A
	27.50	46.00	2	18.50	0.10	0.10	0.10	0.65	2.41	
	46.00	51.20	2	5.20						7th A
	51.20	70.20	2	19.00	0.10	0.10	0.10	0.65	2.47	
	70.20	75.30	2	5.10						6th A
	75.30	94.30	2	19.00	0.10	0.10	0.10	0.65	2.47	
	94.30	99.10	2	4.80						5th A
	99.10	117.60	2	18.50	0.10	0.10	0.10	0.65	2.41	
	117.60	121.90	2	4.30						4th A
	121.90	154.90	2	33.00	0.10	0.10	0.10	0.65	4.29	
	154.90	159.70	2	4.80						3rd A
	159.70	190.70	2	31.00	0.10	0.10	0.10	0.65	4.03	
	190.70	195.70	2	5.00						2nd A
	195.70	228.70	2	33.00	0.10	0.10	0.10	0.65	4.29	
	228.70	233.50	2	4.80						1st A
	233.50	254.50	2	21.00						No W
2nd B Cross Road Noor Nagar From 5th Cross to End										
	0.00	0.00	2	0.00	0.10	0.10	0.10	0.65	0.00	
	0.00	30.00	2	30.00	0.10	0.10	0.10	0.65	3.90	✓
	30.00	34.50	2	4.50	0.10	0.10	0.10	0.65	0.59	✓

2nd Cross Road Noor Nagar From 5th Cross to End									
0.00	0.00	2	0.00	0.10	0.10	0.10	0.63	0.00	
0.00	30.00	2	30.00	0.10	0.10	0.10	0.63	3.78	
30.00	52.00	2	22.00	0.10	0.10	0.10	0.63	2.77	
1st Cross Road Noor Nagar From 2nd Cross to 5th Cross Road									
0.00	0.00	2	0.00	0.10	0.10	0.10	0.60	0.00	
0.00	20.00	2	20.00	0.10	0.10	0.10	0.60	2.40	
CHOKKANAHALLI									
Rcc Drain									
Temple Back Side		2	17.00			0.10	0.60	2.04	
		2	11.00			0.10	0.60	1.32	
Quantity carried summary								**198.32**	Cum
Shedule-B Quantity								**198.40**	Cum
Quantity carried to summary								**198.32**	Cum

13

Assistant Executive Engineer
Contractor Representative Division
KRIDL, BBMP, Bangalore

Consultant Representative

Asst Engineer
Project yelahanka
BBMP Bengalore

31/06/2018
Asst.Executive Engineer
Project yelahanka
BBMP Bengalore

1st B c/r
2nd B c/r
3rd B c/r
4th B c/r
5th B c/r
6th B c/r
7th B c/r
8th B c/r
9th B c/r
9th A c/r
8th A c/r
7th A c/r
6th A c/r
5th A c/r
4th A c/r
3rd A c/r
2nd A c/r
1st A c/r
No Work

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer Project Division Yelahanka

Measurement Sheet

1st & Final Bill

Name of work: Asphalting road from Amruthahalli Main road to Jakkur Burrial ground in Ward No.05

Name of Agency: **M/s K. R. I. D. L.**

Item No: 5

Item Name: KSRB 4.9-2:Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification NO.KBS 4.6.3 (P-17, It.4.46.2)fe 500

SL NO	CHAINAGE / Land Mark	NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement recorded on:			16/04/18, 17/04/18						
	BASAVALINGA NAGARA								
	1st Cross Hattu Mane Layout From 4th B cross road to 1st cross road								
				95.00					
	U bar								
		10mm dia	381	2.30				876.30	
		0.62kg/m						**543.31**	Kg
	Distribution bar								
		8mm dia	10	95.00				950.00	
		0.395kg/m						**375.25**	Kg
	2nd Cross Hattu Mane Layout From 1st cross to 4th B cross road								
				66.00					
	U bar								
		10mm dia	265	2.30				609.50	
		0.62kg/m						**377.89**	Kg
	Distribution bar								
		8mm dia	10	66.00				660.00	
		0.395kg/m						**260.70**	Kg
	3rd Cross Hattu Mane Layout From 4th B cross road to 1st cross road								
				95.00					
	U bar								
		10mm dia	476	2.30				1094.80	
		0.62kg/m						**678.78**	Kg
	Distribution bar								
		8mm dia	13	95.00				1235.00	
		0.395kg/m						**487.83**	Kg
	4th Cross Hattu Mane Layout From 1st cross to 4th B cross road								
				95.00					
	U bar								
		10mm dia	381	2.30				876.30	
		0.62kg/m						**543.31**	Kg

Distribution bar								
	8mm dia	10	95.00				950.00	
	0.395kg/m						**375.25**	Kg

5th Cross Hattu Mane Layout From 4th B cross road to 1st cross road

			107.00					
U bar								
	10mm dia	429	2.30				986.70	
	0.62kg/m						**611.75**	Kg
Distribution bar								
	8mm dia	13	107.00				1391.00	
	0.395kg/m						**549.45**	Kg

Anganawadi Front

			18.00					
U bar								
	10mm dia	73	2.30				167.90	
	0.62kg/m						**104.10**	Kg
Distribution bar								
	8mm dia	10	18.00				180.00	
	0.395kg/m						**71.10**	Kg

NOOR NAGARA

5th Cross Road Noor Nagar From Nagawara Main Road to 9th B Cross Road

			178.00					
U bar								
	10mm dia	713	2.30				1639.90	
	0.62kg/m						**1016.74**	Kg
Distribution bar								
	8mm dia	10	178.00				1780.00	
	0.395kg/m						**703.10**	Kg

5th Cross Road Noor Nagar From Nagawara Main Road to 9th B Cross Road

			164.00					
U bar								
	10mm dia	657	2.30				1511.10	
	0.62kg/m						**936.88**	Kg
Distribution bar								
	8mm dia	10	164.00				1640.00	
	0.395kg/m						**647.80**	Kg

2nd B Cross Road Noor Nagar From 5th Cross to End

			35.00					
U bar								
	10mm dia	141	2.30				324.30	
	0.62kg/m						**201.07**	Kg
Distribution bar								
	8mm dia	10	35.00				350.00	
	0.395kg/m						**138.25**	Kg

2nd Cross Road Noor Nagar From 5th Cross to End									
				52.00					
U bar									
	10mm dia		261	2.30				600.30	
	0.62kg/m							**372.19**	Kg
Distribution bar									
	8mm dia		13	52.00				676.00	
	0.395kg/m							**267.02**	Kg
1st Cross Road Noor Nagar From 2nd Cross to 5th Cross Road									
				20.00					
U bar									
	10mm dia		101	2.30				232.30	
	0.62kg/m							**144.03**	Kg
Distribution bar									
	8mm dia		13	20.00				260.00	
	0.395kg/m							**102.70**	Kg
CHOKKANAHALLI									
Temple Back Side									
				17.00					
U bar									
	10mm dia		95	2.30				218.50	
	0.62kg/m							**135.47**	Kg
Distribution bar									
	8mm dia		14	17.00				238.00	
	0.395kg/m							**94.01**	Kg
				11.00					
U bar									
	10mm dia		80	2.30				184.00	
	0.62kg/m							**114.08**	Kg
Distribution bar									
	8mm dia		15	11.00				165.00	
	0.395kg/m							**65.18**	Kg
								9917.20	in Kgs
								9.92	in tn
Quantity carried summary								9.92	tn
Shedule-B Quantity								9.92	tn
Quantity carried to summary								9.92	tn

16

Contractor Representative

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Consultant Representative

Asst Engineer
Project yelahanka
BBMP Bengalore

13/4/2016
Asst.Executive Engineer
Project yelahanka
BBMP Bengalore